

01-30-06

IFW  
\$



Express Mail No. EV758925953US

Attorney Docket No. 108298717US  
Disclosure No. 03-0119.00/US

Docket No.: 108298717US  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Zheng et al.

Application No.: 10/646,607

Confirmation No.: 2264

Filed: August 21, 2003

Art Unit: 1763

For: MICROFEATURE WORKPIECE  
PROCESSING APPARATUS AND  
METHODS FOR BATCH DEPOSITION  
OF MATERIALS ON MICROFEATURE  
WORKPIECES

Examiner: R. K. Dhingra

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

02/01/2006 RNEBRAHT 00000104 10646607

01 FC:1806

180.00 OP

Applicants have not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicants submit herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 50-0665, under Order No. 108298717US.

Dated: January 27, 2006

Respectfully submitted,

By 

David T. Dutcher

Registration No.: 51,638  
PERKINS COIE LLP  
P.O. Box 1247  
Seattle, Washington 98111-1247  
(206) 359-8000  
(206) 359-7198 (Fax)  
Attorney for Applicant



Express Mail No. EV758925953US

Attorney Docket No. 108298717US  
Disclosure No. 03-0119.00/US

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<b>Substitute for form 1449A/B/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/646,607-Conf. #2264
				Filing Date	August 21, 2003
				First Named Inventor	Lingyi A. Zheng
				Art Unit	1763
				Examiner Name	R. K. Dhingra
Sheet	1	of	2	Attorney Docket Number	108298717US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-5,017,404	05-21-1991	Paquet et al.	
		US-4,593,644	06-10-1986	Hanak	
		US-5,433,787	07-18-1995	Suzuki et al.	
		US-5,819,683	10-13-1998	Ikeda et al.	
		US-5,902,403	05-11-1999	Aitani et al.	
		US-6,022,483	02-08-2000	Aral	
		US-6,143,078	11-07-2000	Ishikawa et al.	
		US-6,207,937	03-27-2001	Stoddard et al.	
		US-6,277,763	08-21-2001	Kugimiya et al.	
		US-6,328,803	12-11-2001	Rolfson et al.	
		US-6,364,219	04-02-2002	Zimmerman et al.	
		US-6,402,806	06-11-2002	Schmitt et al.	
		US-6,415,736	07-09-2002	Hao et al.	
		US-6,435,865	08-20-2002	Tseng et al.	
		US-6,663,713	12-16-2003	Robles et al.	
		US-6,807,971	10-26-2004	Saito et al.	
		US-6,849,131	02-01-2005	Chen et al.	
		US-20010012697	05-07-2002	Mikata	
		US-20030037730	11-22-2005	Yamasaki et al.	
		US-20040238123	12-02-2004	Becknell et al.	
		US-20050217582	10-06-2005	Kim et al.	
		US-6,666,982	12-23-2003	Brcka	
		US-20050016956	01-27-2005	Liu et al.	
		US-20040089240	05-13-2004	Dando et al.	
		US-20010050267	12-13-2001	Hwang et al.	
		US-6,881,295	04-19-2005	Nagakura	
		US-6,814,813	11-09-2004	Dando et al.	
		US-6,770,145	08-03-2004	Saito	
		US-6,622,104	09-16-2003	Wang et al.	
		US-6,425,168	07-30-2002	Takaku	
		US-6,402,849	06-11-2002	Kwag et al.	
		US-6,383,300	05-07-2002	Saito et al.	
		US-6,334,928	01-01-2002	Sekine et al.	
		US-6,294,394	09-25-2001	Erickson et al.	
		US-6,273,954	08-14-2001	Nishikawa et al.	
		US-6,159,298	12-12-2000	Saito	
		US-6,113,698	09-05-2000	Raaijmakers et al.	
		US-6,006,694	12-28-1999	DeOrnellas et al.	
		US-5,866,986	02-02-1999	Pennington	
		US-5,769,950	06-23-1998	Takasu et al.	
		US-5,325,020	06-28-1994	Campbell, deceased et al.	
		US-4,313,783	02-02-1982	Davies et al.	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/646,607-Conf. #2264
				Filing Date	August 21, 2003
				First Named Inventor	Lingyi A. Zheng
				Art Unit	1763
				Examiner Name	R. K. Dhingra
Sheet	2	of	2	Attorney Docket Number	108298717US

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		WO-01/32966-A1	05-10-2001	ZAKRYTOE AKTIONERNOE OBSHESTVO		
		JP-9-82650-A	03-28-1997	Kokusai Electric Co. Ltd.		
		JP-63-20490-A	01-28-1998	Toshiba Corp.		
		JP-10-223719-A	08-21-1998	Dainippon Screen Mfg. Co. Ltd.		
		JP-4-100533-A	04-02-1992	Mitsubishi Electric Corp.		
		WO-02/073660-A2	09-19-2002	ASML US, Inc.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		International Search Report and Written Opinion for PCT/US2004/027012, 10 pages, November 11, 2004.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--